					ST DEPARTMENT DIVISION O		IRAL RESO			AMENDED	FORM REPORT	13	
APPLICATION FOR PERMIT TO DRILL									1. WELL NAME and NUMBER Three Rivers Fed 35-32T-720				
2. TYPE	OF WORK								3. FIELD OR WILDCA	т		-0	
4. TYPE	OF WELL	DRILL NEW \	WELL (III) REE	NTER P&A WE	LL DEEPEN	WELL			5. UNIT or COMMUN	THREE RIVE		TNAME	:
	OF OPERATO	NP.	Oil Well	Coalbed Me	ethane Well: NO				7. OPERATOR PHON			1 10711112	•
			ULTI	RA RESOURCE	ES INC					303 645-9	809		
8. ADDRI	ESS OF OPER		4 Inverness Way S		nglewood, CO, 801					tt@ultrapetro	leum.com	Į.	
	RAL LEASE N AL, INDIAN, OI				MINERAL OWNERS EDERAL (III) IND	SHIP DIAN 🛑	STATE _	) FEE	12. SURFACE OWNER FEDERAL IN	400	STATE (	) FEE	
13. NAM	E OF SURFAC	CE OWNER (if bo	x 12 = 'fee')						14. SURFACE OWNE	R PHONE (if I	box 12 = '	fee')	
15. ADDI	RESS OF SUR	FACE OWNER (i	f box 12 = 'fee')						16. SURFACE OWNE	R E-MAIL (if	box 12 =	'fee')	
	AN ALLOTTEE 2 = 'INDIAN')	OR TRIBE NAM	E	MUI	INTEND TO COMM LTIPLE FORMATION ES (Submit C	NS		FROM	19. SLANT VERTICAL DI	RECTIONAL (	<b>)</b> ноғ	RIZONTA	r()
20. LOC	ATION OF WI	ELL		FOOTA	GES	QTR-0	QTR	SECTION	TOWNSHIP	RANG	E	MER	IDIAN
LOCATI	ON AT SURF	ACE		990 FNL 1	182 FEL	NEN	NE NE	35	7.0 S	20.0 I	<b>=</b>		S
Top of	Uppermost P	roducing Zone		1300 FNL 1	980 FEL	SWN	NE.	35	7.0 S	20.0 [	<b>=</b>		S
At Tota	I Depth			1300 FNL 1	980 FEL	SWN	NE \	35	7.0 S	20.0 I			S
21. COU	NTY	UINTAH	1	22. 1	DISTANCE TO NEA	REST LEAS	SE LINE (Fee	et)	23. NUMBER OF ACRES IN DRILLING UNIT				
					DISTANCE TO NEA plied For Drilling			POOL	26. PROPOSED DEPT	<b>'H</b> D: 7452 TV	D: 7330		
27. ELEV	ATION - GRO	UND LEVEL		28.	BOND NUMBER		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE				=		
		4880				UTB0005				43-1098			_
					Hole, Casing								
String	Hole Size	Casing Size	Length	Weight	Grade & Thre		Max Mud V	Nt.	Cement		Sacks		Weight
Cond	11	16 8.625	0 - 100	109.0	C-75 Casing/T J-55 LT&C		8.8		Unknown Class G		550	1.16	0.0 15.8
Prod	7.875	5.5	0 - 5452	17.0	J-55 LT&C		10.0	Hallibu	irton Light , Type U	Inknown	225	3.54	11.0
			5452 - 7452	17.0	N-80 LT&0	С	10.0		on Premium , Type		450	1.35	14.0
					А	TTACHME	ENTS	•					
	V	ERIFY THE FO	LLOWING ARE	ATTACHE	D IN ACCORDAN	ICE WITH	THE UTA	H OIL AND GAS	CONSERVATION	GENERAL R	ULES		
<b>₽</b> 1	WELL PLAT OF	R MAP PREPARE	D BY LICENSED S	URVEYOR OR	ENGINEER		COMPLETE DRILLING PLAN						
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)							FORM 5	5. IF OPERATOR I	S OTHER THAN THE L	EASE OWNER	₹		
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						)	<b>г</b> торос	BRAPHICAL MAP					
NAME Don Hamilton TITLE Permitting Age						ng Agent			PHONE 435 719-2	2018			
SIGNATURE DATE 11/24/2014					2014			EMAIL starpoint@6	etv.net				
	MBER ASSIGN 80475502				APPROVAL		Bacquill						
							P	ermit Manager					

## ULTRA RESOURCES, INC.

## **8 - POINT DRILLING PROGRAM**

Slim Hole Design 8 5/8" Surface & 5 ½" Production Casing Design

**DATED: 11-03-14** 

Three Rivers Fed 35-32T-720

SHL: Sec 35 (NENE) T7S R20E

Uintah, Utah

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations and the approved Application for Permit to Drill (APD). The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

Three Rivers Fed 35-32T-720

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## 1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation Top	Top (TVD)	<u>Comments</u>
Uinta	Surface	
BMSW	2,690' MD / 2,650' TVD	
Green River	3,329' MD / 3,261' TVD	
Mahogany	4,726' MD / 4,606' TVD	
Garden Gulch	5,378' MD / 5,256' TVD	Oil & Associated Gas
Lower Green River*	5,563' MD / 5,441' TVD	Oil & Associated Gas
Wasatch	7,253' MD / 7,131' TVD	Oil & Associated Gas
TD	7.452' MD / 7.330' TVD	

## Asterisks (\*) denotes target pay intervals

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the appropriate agencies. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

## 2. BOP Equipment

- **A)** The BOPE shall be closed whenever the well is unattended. The appropriate agencies will be notified 24 hours prior to all BOPE pressure tests.
- **B**) The BOPE shall be closed whenever the well is unattended.
- C) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.

### **D**) Choke Manifold

- 1) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
- 2) Two adjustable chokes will be used in the choke manifold.
- 3) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
- 4) Pressure gauges in the well control system will be designed for drilling fluid.

### **E**) BOPE Testing:

- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
- 2) All BOP tests will be performed with a test plug in place.
- 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

<u>INTERVAL</u> 0 - 1,000' MD / 1, 000' TVD 1,000' MD / 1, 000' TVD - 7,452' MD / 7,330' TVD

## **BOP EQUIPMENT**

11" Diverter with Rotating Head 3,000# Ram Double BOP & Annular with Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

## 3. Casing and Float Equipment Program

### **CASING:**

Directional Well	Hole Size	OD	Depth MD/TVD	Wt.	Grade & Connection	Cond.
Conductor	20"	16"	+/- 100' MD / 100' TVD	109.0 ppf	C-75	New
Surface	11"	8 5/8"	1,000' MD / 1, 000' TVD	24.0 ppf	J-55, LTC	New
Production (Top)	7 7/8"	5 ½"	5,452' MD / 5,330' TVD	17.0 ppf	J-55, LTC	New
Production (Bottom)	7 7/8'	5 ½'	7,452'MD / 7,330' TVD	17.0 ppf	N/L-80, LTC	New

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### **CASING SPECIFICATIONS:**

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production (Top)	5 ½"	4.892" / 4.767"	4,910	5,320'	273,000	229,000
Production (Bottom)	5 ½"	4.892"/ 4.767"	6,280	7,740	397,000	348,000

## FLOAT EQUIPMENT:

SURFACE (8 5/8") Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 4<sup>th</sup> joint to surface

PRODUCTION (5 ½") Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 3<sup>rd</sup> joint to 500' into surface casing

## 4. <u>Cementing Programs</u>

CONDUCTOR (13 %") Ready Mix – Cement to surface

SURFACE (8 5/8") Cement Top - Surface

Surface – 1,000' MD / 1,000' TVD± 550 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

**PRODUCTION** (5  $\frac{1}{2}$ ) Cement Top – 500'

500' - 4,000' TVD Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1%

Granulite TR ¼, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess

4,000' - 7,452' MD / 7,330' TVD Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm

Granulite TR ¼, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

Note: Lead Cement will be brought to 4,000' which will give a minimum of 500' above Lower Green River.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The appropriate agencies will be notified 24 hours prior to running casing and cementing.
- **D)** All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
- E) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
- **F)** "Sundry Notices and Reports on Wells", shall be filed with the appropriate agencies within 30 days after the work in completed.
- G) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
- **H)** Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- I) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

RECEIVED: November 24, 2014

Three Rivers Fed 35-32T-720

### 5. Mud Program

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pН	Mud Wt. (ppg)
0 – 1,000' MD / 1,000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1,000' TVD - 7,452' MD / 7,330' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- A) Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- **B**) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

## 6. Evaluation Program - Testing, Logging, and Coring

- **A)** Cores: None anticipated.
- **B)** Testing: None anticipated.
- C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- **D)** Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- **E)** Mud Logs: None anticipated.
- F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

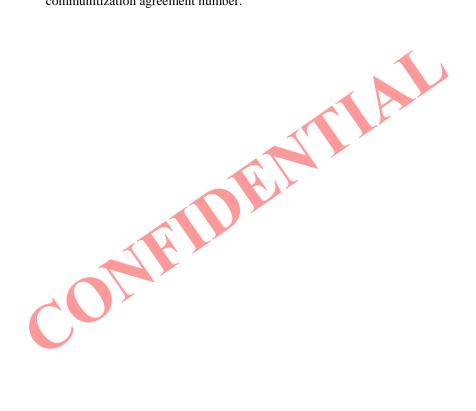
## 7. Anticipated Pressures and H.S.

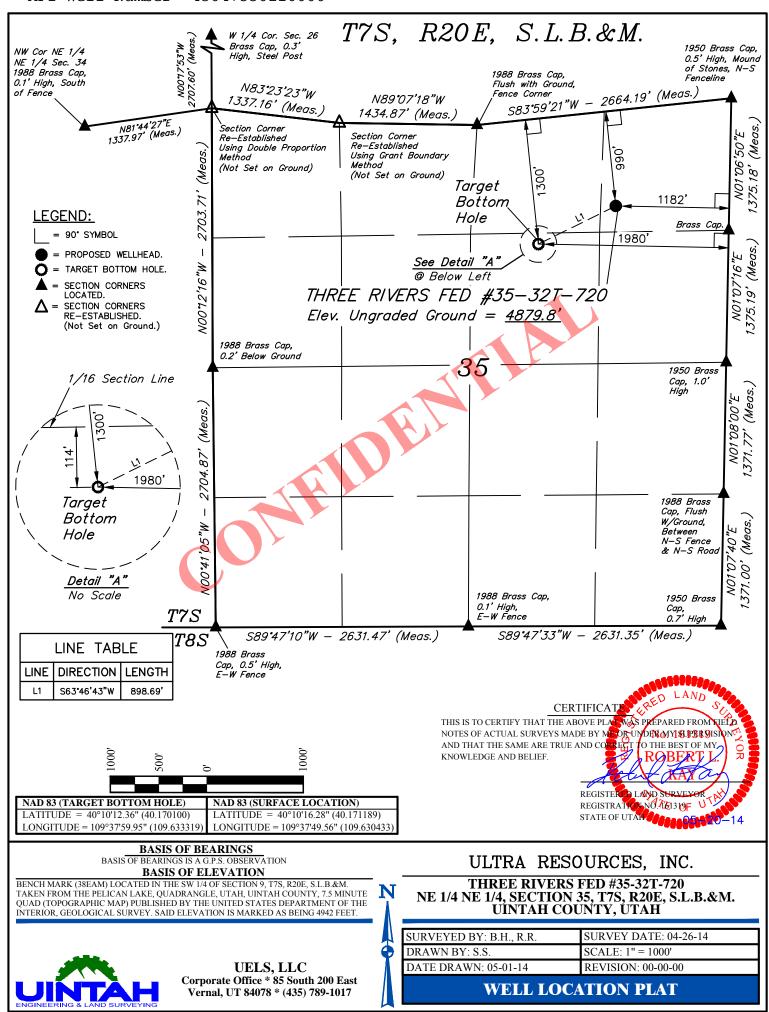
- A) The expected bottom hole pressure is 3,500 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- **B)** Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H<sub>2</sub>S is encountered, published guidelines will be complied with.

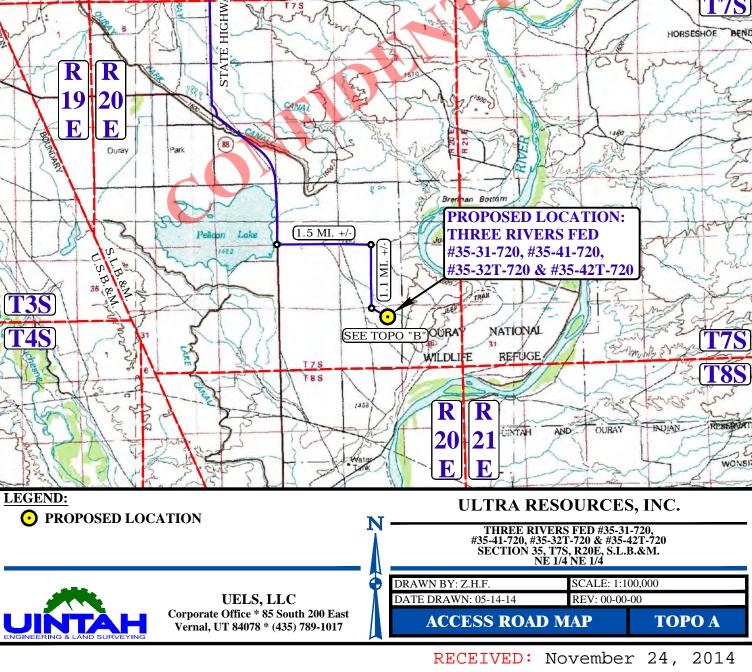
## 8. Other Information and Notification Requirements

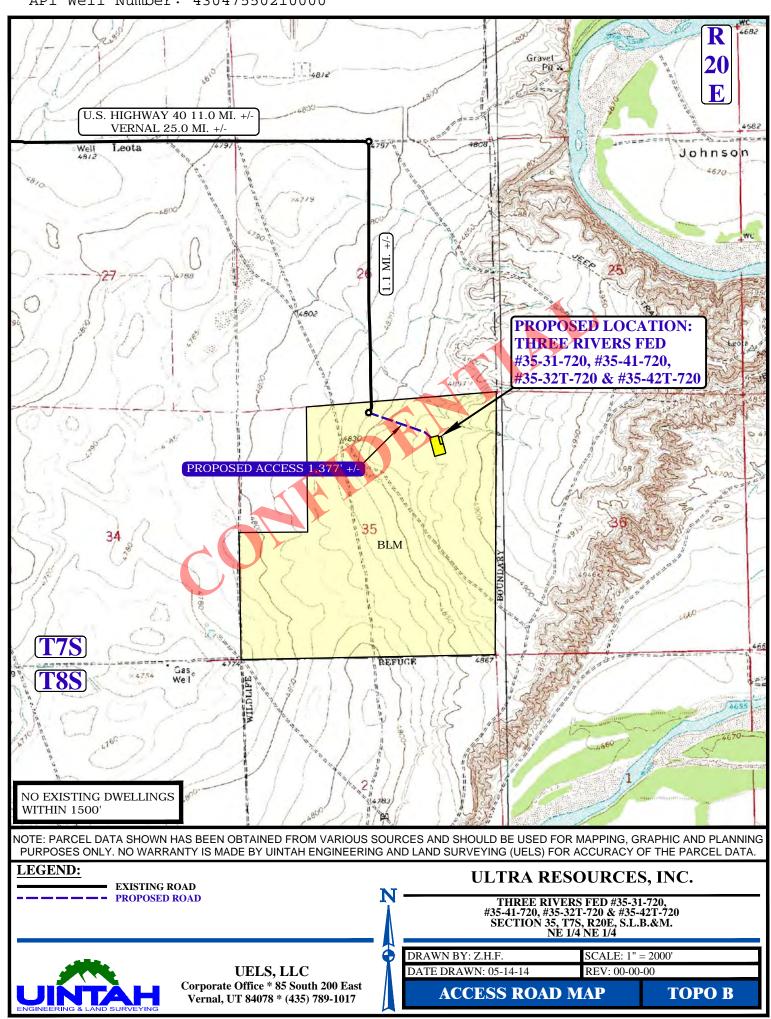
- **A**) There shall be no deviation from the proposed drilling plan as approved. Any changes in operation must have prior approval from the appropriate agency.
  - 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
  - 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.
- **B**) Agency required notifications will be followed as outline in the approved APD.
- C) Should the well be successfully completed for production, the appropriate agencies must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:

- Operator name, address, and telephone number.
- . Well name and number.
- . Well location (1/4 1/4, Section, Township, Range and Meridian)
- Date well was placed in a producing status (date of first production for which royalty will be paid).
- The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- . The lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

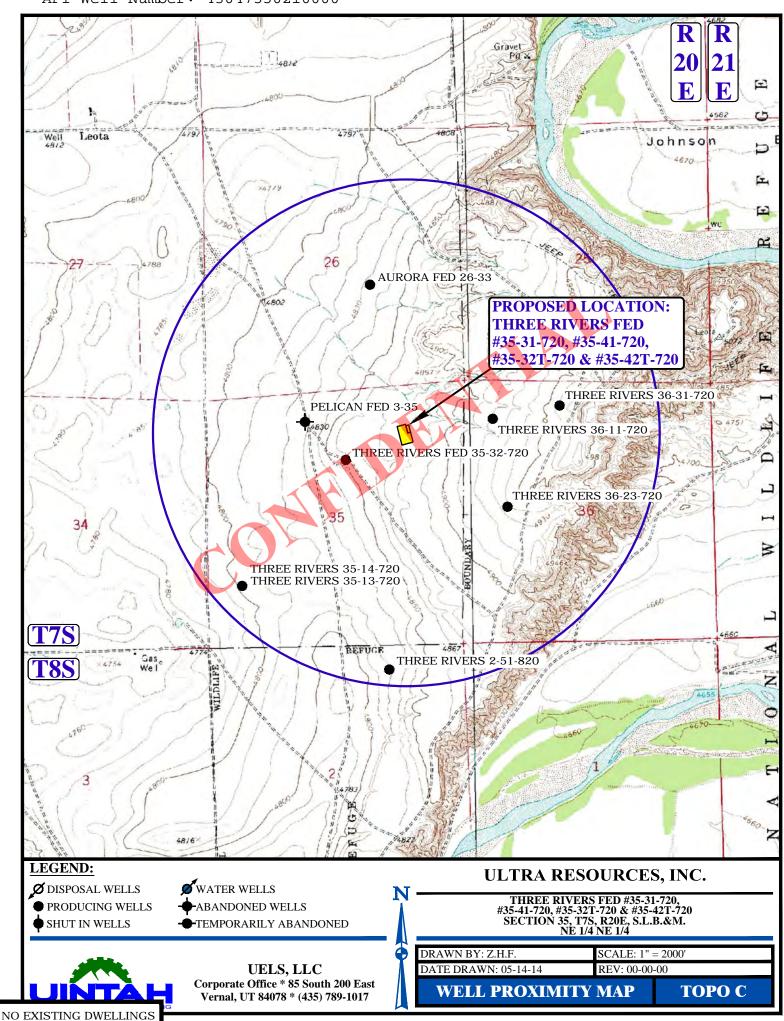


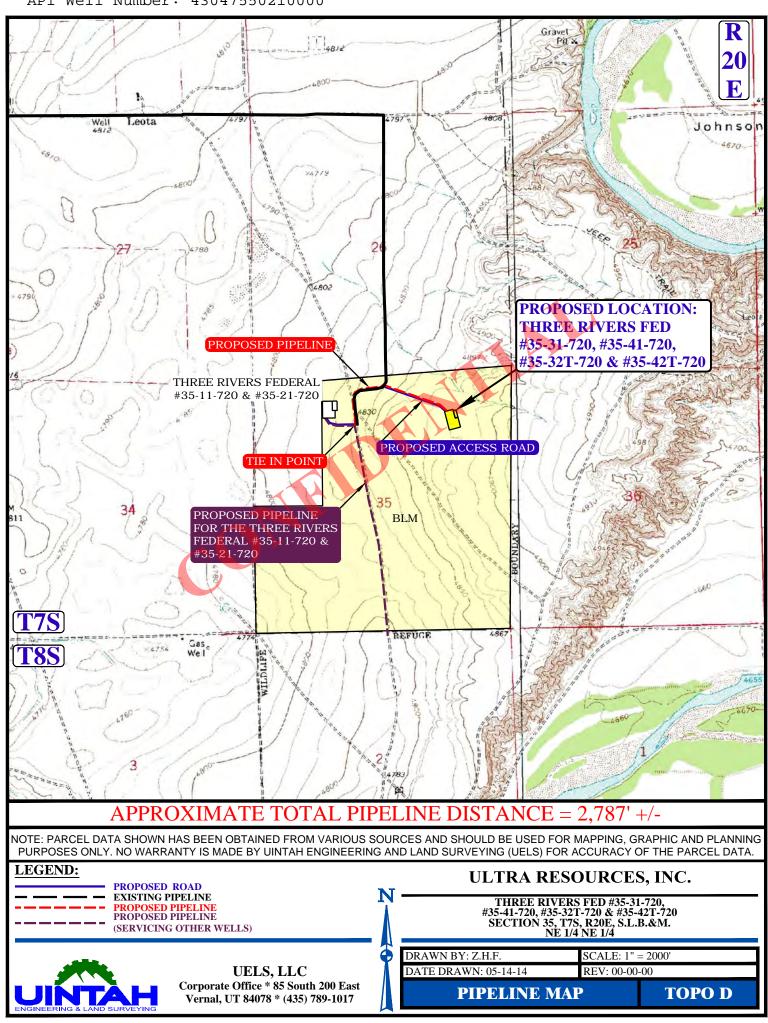


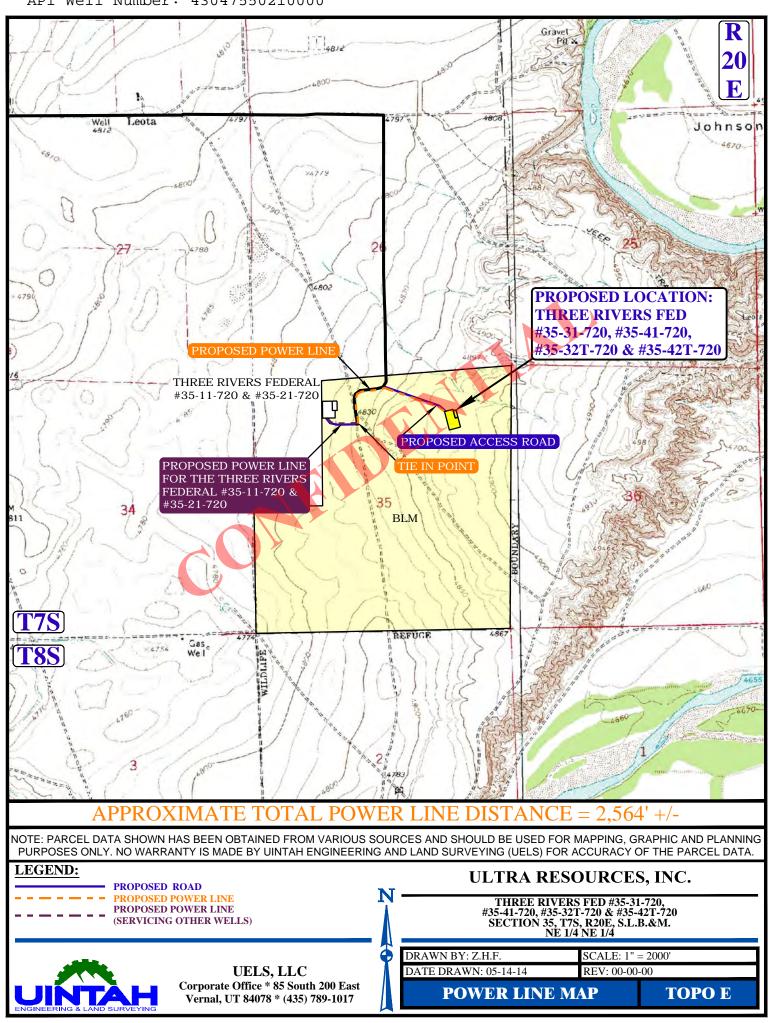


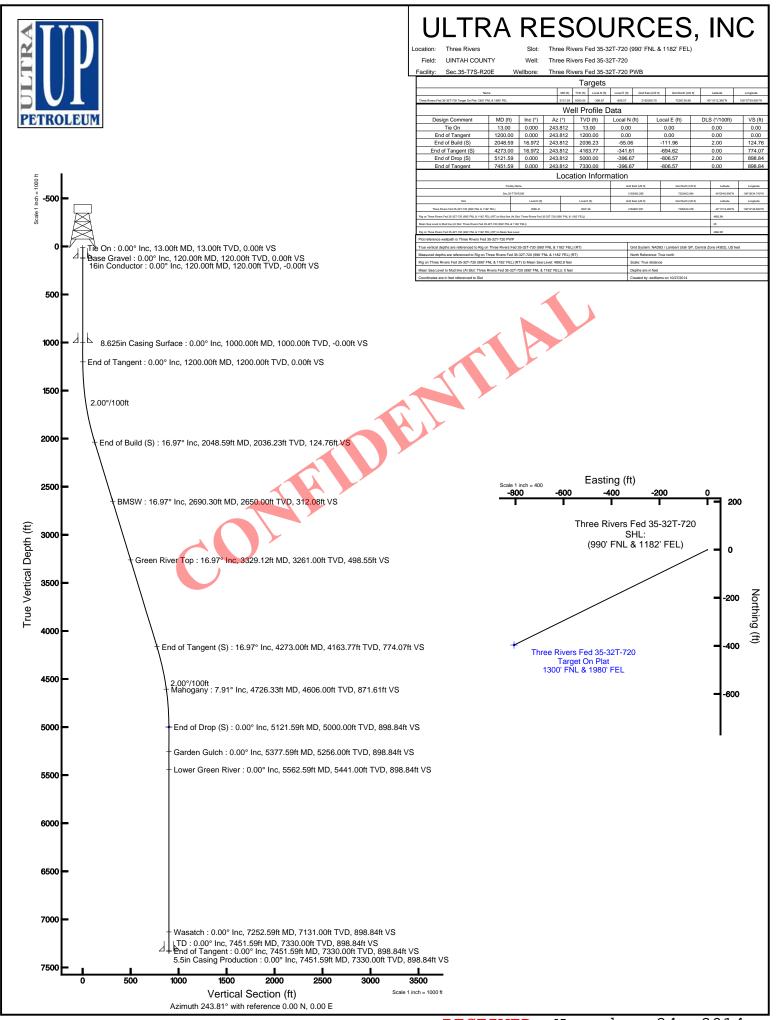


WITHIN 1500'









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API Well Number: 43047550210000



## **Planned Wellpath Report**

Three Rivers Fed 35-32T-720 PWP





REFERENC	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-32T-720 (990' FNL & 1182' FEL)					
Area	Three Rivers	Well	Three Rivers Fed 35-32T-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-32T-720 PWB					
Facility	Sec.35-T7S-R20E							

REPORT SETUP INFORM	REPORT SETUP INFORMATION									
Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0							
North Reference	True	User	Ewilliams							
Scale	0.99916 Report Generated 10/27/2014 at 3:57:14 PM									
Convergence at slot	1.20° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_35-32T-720_PWB.xml							

WELLPATH LOCATION									
	Local coor	dinates	Grid co	oordinates	Geographic coordinates				
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude			
Slot Location	3065.41	3507.26	2162807.83	7236540.38	40°10'16.280"N	109°37'49.560"W			
Facility Reference Pt			2159365.27	7233403.09	40°09'45.990"N	109°38'34.740"W			
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W			
						·			

WELLPATH DATU	M					
Calculation method	Minimum curvature	Rig on Three Rivers Fed 35-32T-720 (990' FNL & 1182' FEL) (RT) to Facility Vertical Datum				
Horizontal Reference P	Slot	Rig on Three Rivers Fed 35-32T-720 (990' FNL & 1182' FEL) (RT) to Mean Sea Level				
Vertical Reference Pt	Rig on Three Rivers Fed 35-32T-720 (990' FNL & 1182' FEL) (RT)	Rig on Three Rivers Fed 35-32T-720 (990' FNL & 1182' FEL) (RT) to Mud Line at Slot (Three Rivers Fed 35-32T-720 (990' FNL &				
MD Reference Pt	Rig on Three Rivers Fed 35-32T-720 (990' FNL & 1182' FEL) (RT)	Section Origin				
Field Vertical Reference	Mean Sea Level	Section Azimuth				



Planned Wellpath Report Three Rivers Fed 35-32T-720 PWP Page 2 of 5



REFERENC	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-32T-720 (990' FNL & 1182' FEL)					
Area	Three Rivers	Well	Three Rivers Fed 35-32T-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-32T-720 PWB					
Facility	Sec.35-T7S-R20E							

MD [ft]	Inclination	Azimuth [°]	TVD [ft]	Vert Sect	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	243.812	0.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	
13.00	0.000	243.812	13.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	i e
113.00†	0.000	243.812	113.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	i e
120.00†	0.000	243.812	120.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	Base Gravel
213.00†	0.000	243.812	213.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	i e
313.00†	0.000	243.812	313.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	
413.00†	0.000	243.812	413.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	
513.00†	0.000	243.812	513.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	
613.00†	0.000	243.812	613.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	
713.00†	0.000	243.812	713.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	
813.00†	0.000	243.812	813.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	1
913.00†	0.000	243.812	913.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	i e
1013.00†	0.000	243.812	1013.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	1
1113.00†	0.000	243.812	1113.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	i e
1200.00	0.000	243.812	1200.00	0.00	0.00	0.00	40°10'16.280"N	109°37'49.560"W	0.00	i e
1213.00†	0.260	243.812	1213.00	0.03	-0.01	-0.03	40°10'16.280"N	109°37'49.560"W	2.00	i e
1313.00†	2.260	243.812	1312.97	2.23	-0.98	-2.00	40°10'16.270"N	109°37'49.586"W	2.00	i e
1413.00†	4.260	243.812	1412.80	7.91	-3.49	-7.10	40°10'16.245"N	109°37'49.651"W	2.00	
1513.00†	6.260	243.812	1512.38	17.08	-7.54	-15.33	40°10'16.206"N	109°37'49.757"W	2.00	i e
1613.00†	8.260	243.812	1611.57	29.72	-13.12	-26.67	40°10'16.150"N	109°37'49.904"W	2.00	i e
1713.00†	10.260	243.812	1710.26	45.81	-20.22	-41.11	40°10'16.080"N	109°37'50.090"W	2.00	i e
1813.00†	12.260	243.812	1808.33	65.33	-28.83	-58.63	40°10'15.995"N	109°37'50.315"W	2.00	i e
1913.00†	14.260	243.812	1905.66	88.27	-38.95	-79.21	40°10'15.895"N	109°37'50.580"W	2.00	i e
2013.00†	16.260	243.812	2002.13	114.59	-50.57	-102.83	40°10'15.780"N	109°37'50.885"W	2.00	i e
2048.59	16.972	243.812	2036.23	124.76	-55.06	-111.96	40°10'15.736"N	109°37'51.002"W	2.00	i e
2113.00†	16.972	243.812	2097.84	143.57	-63.36	-128.83	40°10'15.654"N	109°37'51.220"W	0.00	
2213.00†	16.972	243.812	2193.48	172.76	-76.24	-155.02	40°10'15.527"N	109°37'51.557"W	0.00	
2313.00†	16.972	243.812	2289.13	201.95	-89.12	-181.22	40°10'15.399"N	109°37'51.894"W	0.00	
2413.00†	16.972	243.812	2384.77	231.14	-102.00	-207.41	40°10'15.272"N	109°37'52.232"W	0.00	
2513.00†	16.972	243.812	2480.42	260.33	-114.89	-233.61	40°10'15.145"N	109°37'52.569"W	0.00	
2613.00†	16.972	243.812	2576.06	289.52	-127.77	-259.80	40°10'15.017"N	109°37'52.907"W	0.00	
2690.30†	16.972	243.812	2650.00	312.08	-137.73	-280.05	40°10'14.919"N	109°37'53.168"W	0.00	BMSW
2713.00†	16.972	243.812	2671.71	318.71	-140.65	-285.99	40°10'14.890"N	109°37'53.244"W	0.00	<u> </u>
2813.00†	16.972	243.812	2767.35	347.90	-153.53	-312.19	40°10'14.763"N	109°37'53.582"W	0.00	i e
2913.00†	16.972	243.812	2863.00	377.09	-166,41	-338.38	40°10'14.635"N	109°37'53.919"W	0.00	
3013.00†	16.972	243.812	2958.64	406.28	-179.29	-364.57	40°10'14.508"N	109°37'54.256"W	0.00	i e
3113.00†	16.972	243.812	3054.29	435.47	-192.18	-390.77	40°10'14.381"N	109°37'54.594"W	0.00	
3213.00†	16.972	243.812	3149.93	464.66	-205.06	-416.96	40°10'14.254"N	109°37'54.931"W	0.00	
3313.00†	16.972	243.812	3245.58	493.85	-217.94	-443.16	40°10'14.126"N	109°37'55.269"W	0.00	
3329.12†	16.972	243.812	3261.00	498.55	-220.02	-447.38	40°10'14.106"N	109°37'55.323"W		Green River Top
3413.00†	16.972	243.812	3341.22	523.04	-230.82	-469.35	40°10'13.999"N	109°37'55.606"W	0.00	
3513.00†	16.972	243.812	3436.87	552.23	-243.70	-495.54	40°10'13.872"N	109°37'55.943"W	0.00	<del>                                     </del>
3613.00†	16.972	243.812	3532.51	581.42	-256.59	-521.74	40°10'13.744"N	109°37'56.281"W	0.00	<del>                                     </del>
3713.00†	16.972	243.812	3628.16	610.61	-269.47	-547.93	40°10'13.617"N	109°37'56.618"W	0.00	
3813.00†	16.972	243.812	3723.80	639.80	-282.35	-574.12	40°10'13.490"N	109°37'56.956"W	0.00	<del>                                     </del>



Planned Wellpath Report Three Rivers Fed 35-32T-720 PWP Page 3 of 5



REFERENC	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-32T-720 (990' FNL & 1182' FEL)					
Area	Three Rivers	Well	Three Rivers Fed 35-32T-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-32T-720 PWB					
Facility	Sec.35-T7S-R20E							

VELLPATH D	ATA (88 station	s) †= interp	oolated/extrapo	olated station						
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3913.00†	16.972	243.812	3819.45	668.99	-295.23	-600.32	40°10'13.362"N	109°37'57.293"W	0.00	
4013.00†	16.972	243.812	3915.09	698.18	-308.11	-626.51	40°10'13.235"N	109°37'57.631"W	0.00	
4113.00†	16.972	243.812	4010.74	727.37	-321.00	-652.71	40°10'13.108"N	109°37'57.968"W	0.00	
4213.00†	16.972	243.812	4106.38	756.56	-333.88	-678.90	40°10'12.981"N	109°37'58.305"W	0.00	
4273.00	16.972	243.812	4163.77	774.07	-341.61	-694.62	40°10'12.904"N	109°37'58.508"W	0.00	
4313.00†	16.172	243.812	4202.11	785.48	-346.64	-704.85	40°10'12.854"N	109°37'58.640"W	2.00	
4413.00†	14.172	243.812	4298.62	811.65	-358.19	-728.34	40°10'12.740"N	109°37'58.942"W	2.00	
4513.00†	12.172	243.812	4395.98	834.43	-368.25	-748.78	40°10'12.641"N	109°37'59.206"W	2.00	
4613.00†	10.172	243.812	4494.08	853.81	-376.80	-766.17	40°10'12.556"N	109°37'59.430"W	2.00	
4713.00†	8.172	243.812	4592.80	869.75	-383.83	-780.47	40°10'12.487"N	109°37'59.614"W	2.00	
4726.33†	7.905	243.812	4606.00	871.61	-384.65	-782.14	40°10'12.479"N	109°37'59.635"W	2.00	Mahogany
4813.00†	6.172	243.812	4692.01	882.23	-389.34	-791.67	40°10'12.432"N	109°37'59.758"W	2.00	
4913.00†	4.172	243.812	4791.60	891.24	-393.32	-799.76	40°10'12.393"N	109°37'59.862"W	2.00	
5013.00†	2.172	243.812	4891.44	896.78	-395.76	-804.73	40°10'12.369"N	/ 109°37'59.926"W	2.00	
5113.00†	0.172	243.812	4991.41	898.82	-396.66	-806.56	40°10'12.360"N	109°37'59.950"W	2.00	
5121.59	0.000	243.812	5000.00 <sup>1</sup>	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	2.00	
5213.00†	0.000	243.812	5091.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37′59.950"W	0.00	
5313.00†	0.000	243.812	5191.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
5377.59†	0.000	243.812	5256.00	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	Garden Gulch
5413.00†	0.000	243.812	5291.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
5513.00†	0.000	243.812	5391.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
5562.59†	0.000	243.812	5441.00	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	Lower Green River
5613.00†	0.000	243.812	5491.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
5713.00†	0.000	243.812	5591.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
5813.00†	0.000	243.812	5691.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
5913.00†	0.000	243.812	5791.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
6013.00†	0.000	243.812	5891.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
6113.00†	0.000	243.812	5991.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
6213.00†	0.000	243.812	6091.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
6313.00†	0.000	243.812	6191.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
6413.00†	0.000	243.812	6291.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
6513.00†	0.000	243.812	6391.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
6613.00†	0.000	243.812	6491.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
6713.00†	0.000	243.812	6591.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
6813.00†	0.000	243.812	6691.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
6913.00†	0.000	243.812	6791.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
7013.00†	0.000	243.812	6891.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
7113.00†	0.000	243.812	6991.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
7213.00†	0.000	243.812	7091.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
7252.59†	0.000	243.812	7131.00	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	Wasatch
7313.00†	0.000	243.812	7191.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
7413.00†	0.000	243.812	7291.41	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	
7451.59	0.000	243.812	7330.00	898.84	-396.67	-806.57	40°10'12.360"N	109°37'59.950"W	0.00	TD

Page 4 of 5

API Well Number: 43047550210000



## **Planned Wellpath Report**

Three Rivers Fed 35-32T-720 PWP Page 4 of 5



REFERENCE WELLPATH IDENTIFICATION						
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-32T-720 (990' FNL & 1182' FEL)			
Area	Three Rivers	Well	Three Rivers Fed 35-32T-720			
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-32T-720 PWB			
Facility	Sec.35-T7S-R20E					

HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fed 35-32T-720 PWB Ref Wellpath: Three Rivers Fed 35-32T-720 PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	7451.59	6451.59	1000.00	7330.00	0.00	0.00	-396.67	-806.57
5.5in Casing Production	13.00	7451.59	7438.59	13.00	7330.00	0.00	0.00	-396.67	-806.57

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers Fed 35-32T-720 Target On Plat 1300' FNL & 1980' FEL	5121.59	5000.00	-396.67		2162009.79	7236126.98	40°10'12.360"N	109°37'59.950"W	point
				P					
	O	,							



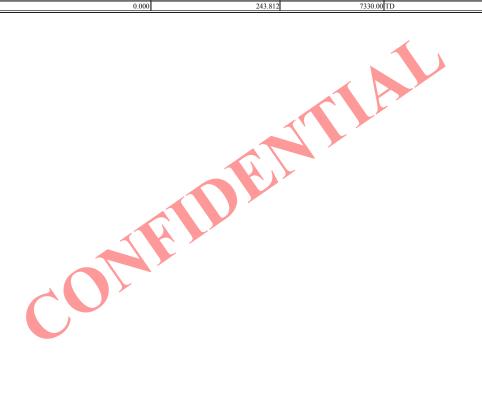
## **Planned Wellpath Report**

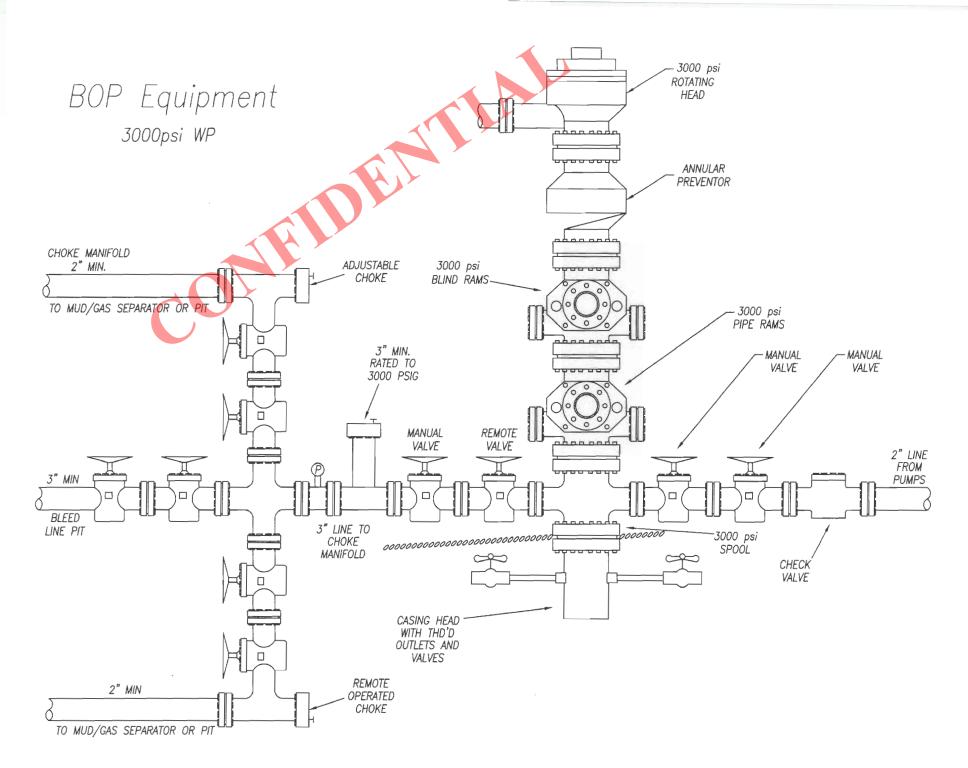
Three Rivers Fed 35-32T-720 PWP Page 5 of 5

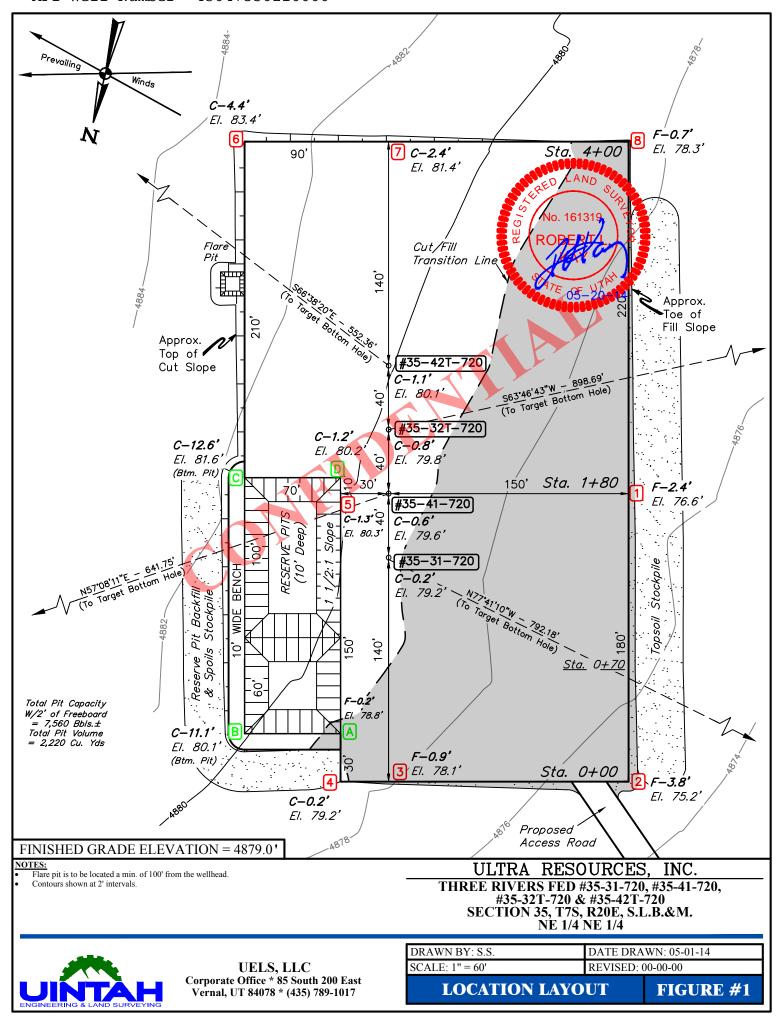


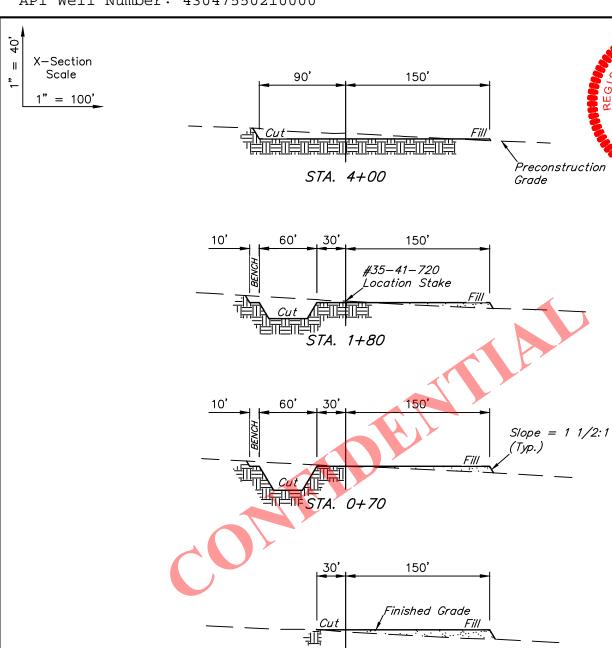
REFEREN	REFERENCE WELLPATH IDENTIFICATION						
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-32T-720 (990' FNL & 1182' FEL)				
Area	Three Rivers	Well	Three Rivers Fed 35-32T-720				
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-32T-720 PWB				
Facility	Sec.35-T7S-R20E						

/ELLPATH COMMENTS							
MD	Inclination	Azimuth	TVD	Comment			
[ft]	[°]	[°]	[ft]				
120.00	0.000	243.812	120.00	Base Gravel			
2690.30	16.972	243.812	2650.00	BMSW			
3329.12	16.972	243.812	3261.00	Green River Top			
4726.33	7.905	243.812	4606.00	Mahogany			
5377.59	0.000	243.812	5256.00	Garden Gulch			
5562.59	0.000	243.812	5441.00	Lower Green River			
7252.59	0.000	243.812	7131.00	Wasatch			
7451.59	0.000	243.812	7330.00	TD			









STA. 0+00

APPROXIMATE EARTHWORK QUANTITIES					
(6") TOPSOIL STRIPPING	1,880 Cu. Yds.				
REMAINING LOCATION	4,330 Cu. Yds.				
TOTAL CUT	6,210 Cu. Yds.				
FILL	3,220 Cu. Yds.				
EXCESS MATERIAL	2,990 Cu. Yds.				
TOPSOIL & PIT BACKFILL (1/2 Pit Vol.)	2,990 Cu. Yds.				
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.				

APPROXIMATE SURFACE DISTURBANCE AREAS							
	DISTANCE	ACRES					
WELL SITE DISTURBANCE	NA	±2.727					
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±1376.71'	±0.948					
30' WIDE PIPELINE R-O-W DISTURBANCE	±2786.51'	±1.919					
TOTAL SURFACE USE AREA	±4163.22'	±5.594					

## NOTES:

- Fill quantity includes 5% for compaction. Calculations based on 6" of topsoil stripping.
- Topsoil should not be stripped below finished grade on substructure area.

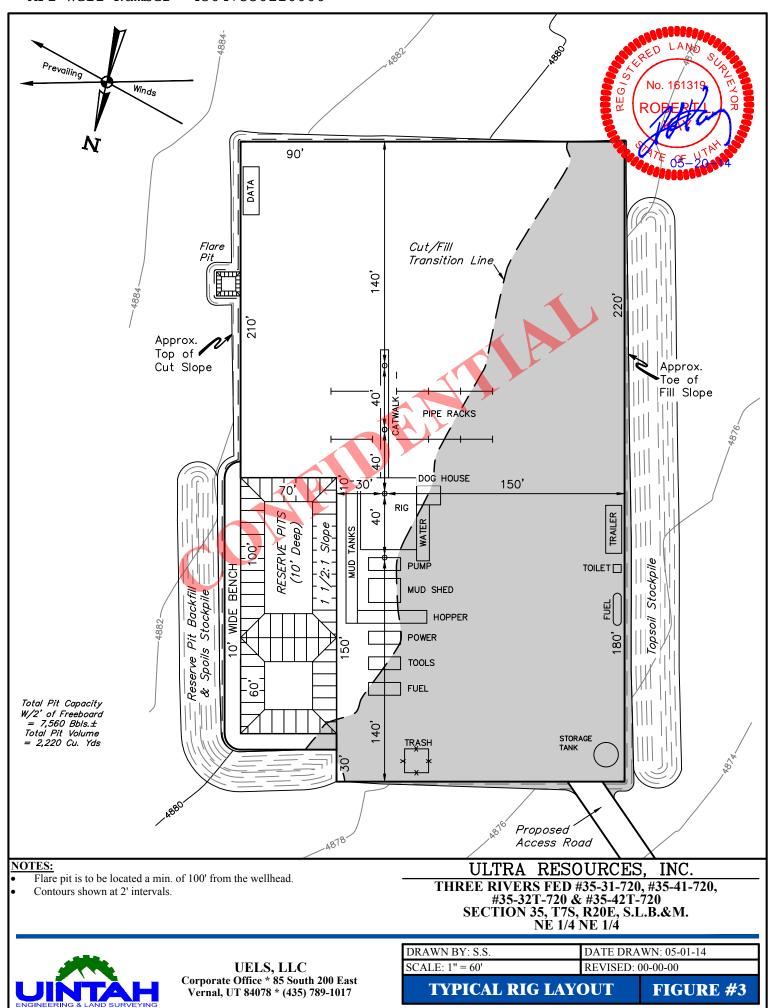
### ULTRA RESOURCES, INC

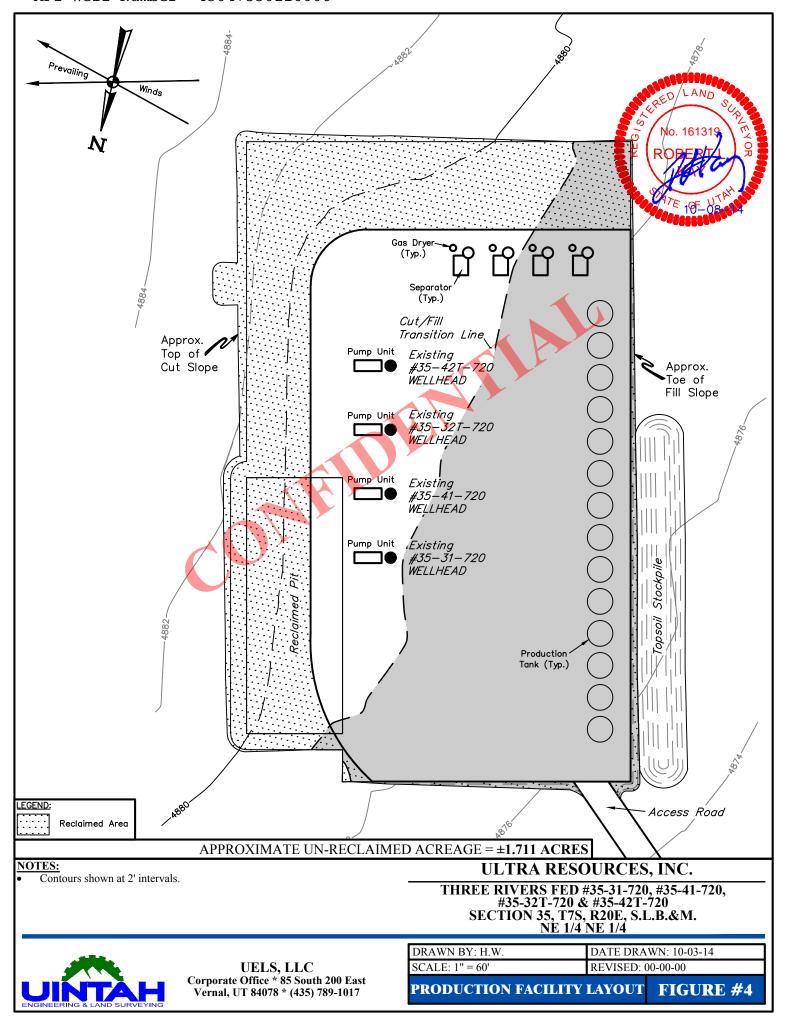
THREE RIVERS FED #35-31-720, #35-41-720, #35-32T-720 & #35-42T-720 SECTION 35, T7S, R20E, S.L.B.&M. NE 1/4 NE 1/4

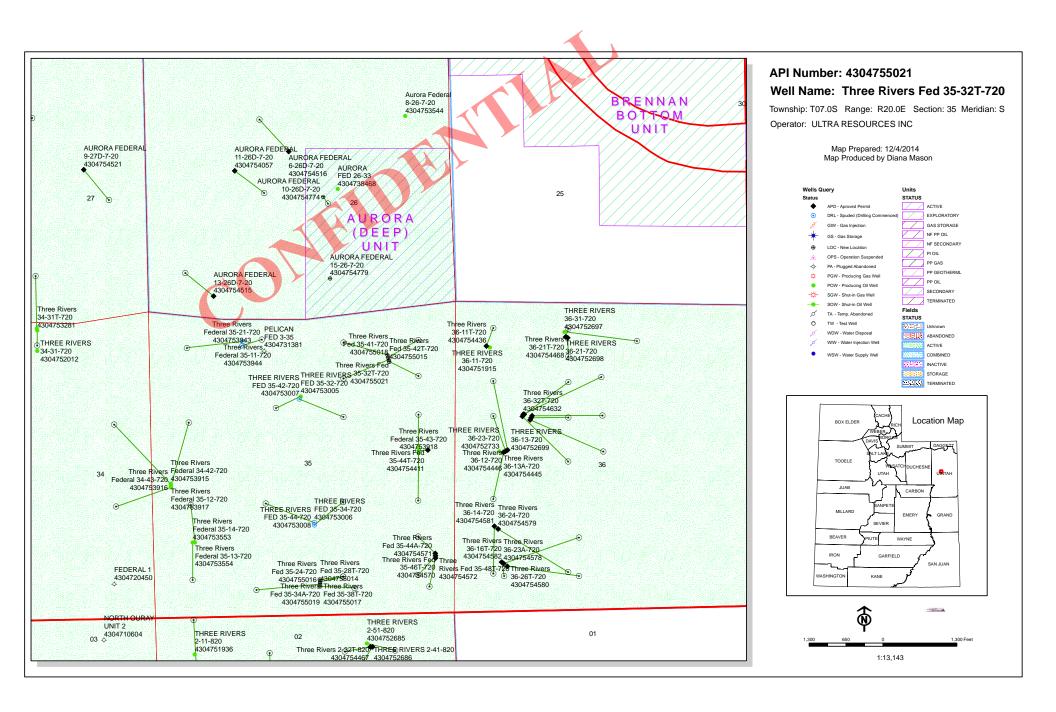


**UELS, LLC** Corporate Office \* 85 South 200 East Vernal, UT 84078 \* (435) 789-1017

TYPICAL CROSS SEC	TIONS FIGURE #2			
SCALE: AS SHOWN	REVISED: 00-00-00			
DRAWN BY: S.S.	DATE DRAWN: 05-01-14			





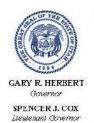


## **WORKSHEET** APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 11/24/2014 API NO. ASSIGNED: 43047550210000 WELL NAME: Three Rivers Fed 35-32T-720 **OPERATOR: ULTRA RESOURCES INC (N4045)** PHONE NUMBER: 435 719-2018 **CONTACT:** Don Hamilton PROPOSED LOCATION: NENE 35 070S 200E Permit Tech Review: **SURFACE:** 0990 FNL 1182 FEL **Engineering Review: BOTTOM:** 1300 FNL 1980 FEL Geology Review: **COUNTY: UINTAH LATITUDE**: 40.17152 ONGITUDE: -109.63040 **UTM SURF EASTINGS: 616618.00** NORTHINGS: 4447693.00 FIELD NAME: THREE RIVERS LEASE TYPE: 1 - Federal **LEASE NUMBER: UTU88623** PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER SURFACE OWNER: 1 - Federal **COALBED METHANE: NO RECEIVED AND/OR REVIEWED:** LOCATION AND SITING: ✓ PLAT R649-2-3. Bond: FEDERAL - UTB000593 Unit: Potash R649-3-2. General Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception **Drilling Unit** Oil Shale 190-13 Board Cause No: Cause 270-02 Water Permit: 43-10988 Effective Date: 11/9/2013 **RDCC Review:** Siting: 2 WELLS PER 40 ACRES Fee Surface Agreement Intent to Commingle ■ R649-3-11. Directional Drill **Commingling Approved** Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason

15 - Directional - dmason



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

## Permit To Drill

\*\*\*\*\*\*

Well Name: Three Rivers Fed 35-32T-720

**API Well Number:** 43047550210000

Lease Number: UTU88623 Surface Owner: FEDERAL Approval Date: 12/8/2014

### **Issued to:**

ULTRA RESOURCES INC, 304 Inverness Way South #295, Englewood, CO 80112

## Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

## **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

## **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil &

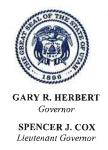
## Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
  - Requests to Change Plans (Form 9) due prior to implementation
  - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
  - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas



# State of Utah

## **DEPARTMENT OF NATURAL RESOURCES**

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

February 4, 2016

Ultra Resources Inc. 116 Inverness Dr. E Ste. 400 Englewood, CO 80112

Re: APDs Rescinded for Ultra Resources, Inc. Uintah County

Ladies and Gentlemen:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded effective February 4, 2016.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc: Well File

Bureau of Land Management, Vernal



- 43-047-55015 Three Rivers Fed 35-42T-720
- 43-047-55017 Three Rivers Fed 35-38T-720
- 43-047-55018 Three Rivers Fed 35-41-720
- 43-047-55020 Three Rivers Fed 35-31-720
- 43-047-55021 Three Rivers Fed 35-32T-720
- 43-047-55077 Three Rivers Fed 3-34T-820
- 43-047-55078 Three Rivers Fed 3-36T-820
- 43-047-55080 Three Rivers Fed 3-44T-820
- 43-047-55084 Three Rivers Fed 4-42T-820
- 43-047-55085 Three Rivers Fed 3-12T-820
- 43-047-55016 Three Rivers Fed 35-24-720
- 43-047-55014 Three Rivers Fed 35-28T-720
- 43-047-54788 Three Rivers 4-44-820
- 43-047-55082 Three Rivers Fed 10-21T-820
- 43-047-55083 Three Rivers Fed 10-22T-820
- 43-047-55019 Three Rivers Fed 35-34A-720